

**096063**

5 preparation of the mammalian pancreatic tissues by removal of a pancreas, b)  
dissociation of the pancreatic tissues obtained in step (a) into isolated pancreatic cells,  
c) possibly the elimination of the endocrine cells from the pancreatic cells isolated in  
step (b), d) induction of dedifferentiation of the cells isolated in step (b) into ductal  
precursor cells, e) induction of redifferentiation of the ductal precursor cells obtained  
10 in step (d) into insulin secreting cells. It also concerns the use of the insulin secreting  
cells thus obtained for the preparation of a pharmaceutical composition which can be  
used for the treatment of pancreatic pathologies and particularly diabetes.